

Recombinant Human IL-2 (His Tag)

Cat.No.:MGC114 size:10µg/100µg/1mg(500µg×2)

Characteristics:

Source	HEK293
Species	Human
Tag	C-His
Description	Recombinant Human IL-2 (Ala 21 - Thr 153)
Accession#	P60568-1
Predicted molecular mass	~16.6kDa. It is composed of one non-glycosylated polypeptide chain containing 133 amino acids.

Specification:

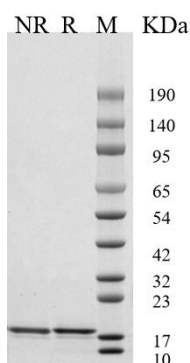
Appearance	White powder, colorless clear liquid after reconstitution
Purity	≥95%,by SDS-PAGE(under reducing(R) & Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	< 0.005 EU/µg
Activity	Immobilized Human IL-2R-hFc at 1µg/ml (100µl/well) can bind Recombinant Human IL-2 (Cat. No. MGC114) with a linear range of 3-30ng/ml.
Formulation	0.2 µm-filtered solution containing PBS with 0.01% Tween 80, trehalose and mannitol, pH 6.0.

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water. 细胞因子溶解、稀释、保存可使用即用型专用溶剂套装—PWL240（1mL无菌水+10mL稀释液）
Shipping	Wet ice (seasonal)
Storage & Stability	36 months at -20℃ to -80℃ in lyophilized state 6 months at -20℃ to -80℃ under sterile conditions after reconstitution 7-10 days at 2℃ to 8℃ under sterile conditions after reconstitution Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Data:

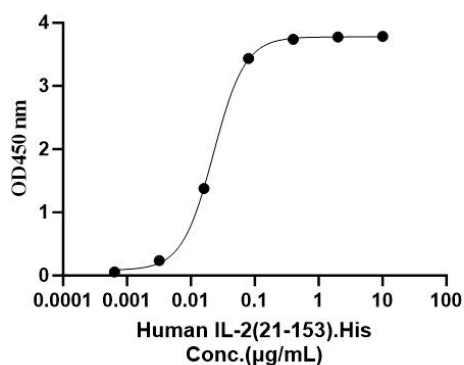
SDS-PAGE



Recombinant Human IL-2 (Cat. No. MGC114) on SDS-PAGE under non-reducing (NR) and reducing (R) conditions. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

Bioactivity

Immobilized Human IL-2 R.hFc binds to MGC114



Immobilized Human IL-2R-hFc at 1μg/mL (100μl/well) can bind Recombinant Human IL-2 (Cat. No. MGC114) with a linear range of 3-30ng/ml. The EC_{50} is 0.02256μg/ml.